



Express Mail Label No. _____
Attorney Docket No. 65304-003

POWER OF ATTORNEY BY ASSIGNEE

SYMYX TECHNOLOGIES is the Assignee of the invention entitled:
PARALLEL FIXED BED REACTOR AND FLUID CONTACTING APPARATUS
AND METHOD the specification of which _____ is attached hereto or X was filed on
June 9, 1998 as Application Serial No. 09/093,870.

Assignee hereby appoints the following attorney(s) and/or agent(s) to prosecute
this application and transact all business in the Patent and Trademark Office connected
therewith.

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SYMYX TECHNOLOGIES

Date: 8/21/98

By: [Signature]
(signature)

Name: Jeryl L. Hillman
Title: VP & CEO



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VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) & 1.27(c)) - SMALL BUSINESS CONCERN

Applicant or Patentee: Shenheng Guan, et al.

Application or Patent No.: 09/093,870

Filed or Issued: June 9, 1998

Title: PARALLEL FIXED BED REACTOR AND FLUID CONTACTING APPARATUS AND METHOD

I hereby declare that I am an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF SMALL BUSINESS CONCERN
ADDRESS OF SMALL BUSINESS CONCERN

Symyx Technologies
3100 Central Expressway
Santa Clara, California 95051

I hereby declare that the above-identified small business concern qualifies as a small business concern as defined in 13 CFR 121.12, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees to the United States Patent and Trademark Office, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare the rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled PARALLEL FIXED BED REACTOR AND FLUID CONTACTING APPARATUS AND METHOD by inventor(s) Shenheng Guan, Lynn Van Erden, Robert C. Haushalter, Xiao Ping Zhou, Jason Wang, and Ravi Srinivasan described in

☐ the specification filed herewith

☒ Application No. 09/093,870, filed June 9, 1998.

☐ Patent No. _____, issued _____

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights in the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern that would not qualify as a small business concern under CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e).

*NOTE: Separate verified statements are required for each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

Name: Symyx Technologies

Address: 3100 Central Expressway, Santa Clara, California 95051

☐ Individual

☒ Small Business Concern

☐ Nonprofit Organization

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING

Jeryl L. Hilleman
VP & CFO

TITLE

ADDRESS OF PERSON SIGNING

Symyx Technologies
3100 Central Expressway
Santa Clara, California 95051

SIGNATURE
R0034348

DATE

8/21/98



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CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

Applicant: Shenheng Guan, et al.

Application No.: 09/093,870

Filed: June 9, 1998

For: PARALLEL FIXED BED REACTOR AND FLUID CONTACTING APPARATUS AND METHOD

Symyx Technologies

(Name of Assignee)

, a corporation

(Type of Assignee, e.g. corporation, partnership, university, government agency, etc.)

certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame(s) _____, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

DATE: 8-21-98

NAME: Jeryl L. Hilleman

TITLE: VP & CFO

SIGNATURE: [Signature]